

Amendments to the Specification:**In the Title:**

Please replace the title beginning at page 1 with the following rewritten title:

**VIRTUAL TAGS AND THE PROCESS OF VIRTUAL TAGGING UTILIZING USER
FEEDBACK IN TRANSFORMATION RULES**

In the Specification:

Please replace the paragraph beginning at page 9, line 13 with the following rewritten paragraph:

Transformation rules 25 are generated by processing module 23 using user feedback from graphical user interface 21 and learning techniques. Transformation rules 25 are used to implement virtual tags 24. Transformation rules 25 are expressed in a language that clearly identifies how to process virtual tags 24 in order to extract information or transform information of the original electronic document that is tagged and to define extraction of information or transformation of information ~~from~~ for subsequent versions of the original electronic document. Virtual pages 26 are generated from transformation rules 25.

Please replace the paragraph beginning at page 17, line 5, with the following rewritten paragraph:

In Fig. 10, an alternate method for creating virtual tags is described, which is referred to as method 90. In block 91, all elements of an electronic document such as a Web page are categorized as a plurality of OLAP cubes. The user selects document elements using a GUI with the visual presentation of the original electronic document. In block 93, the selected document elements are assigned to the OLAP cubes. Preferably the document elements are assigned to the OLAP cubes such that the document elements belong to the same OLAP cube if they have the same values of selected features. For example, if two document elements have the same font and the same size the two document elements are assigned to the same OLAP cube. For example, the document elements can be defined in the PDCM element feature space and/or the PDCM path feature space.

Please replace the paragraph beginning at page 17, line 14, with the following rewritten paragraph:

In block 94, the OLAP cubes can be browsed using conventional roll up and roll down operations as described in Online Analytical Processing (OLAP). A roll-down operation splits a an OLAP cube into smaller OLAP cubes by adding an additional feature, thereby further identifying the document element. A roll-up operation expands a an OLAP cube by dropping one or more features from the OLAP cube definition. One or more virtual tags can be represented by the established OLAP cubes.